

Exhibit 300: Capital Asset Summary

Part I: Summary Information And Justification (All Capital Assets)

Section A: Overview & Summary Information

Date Investment First Submitted: 2009-06-30
Date of Last Change to Activities: 2012-08-28
Investment Auto Submission Date: 2012-02-29
Date of Last Investment Detail Update: 2012-04-25
Date of Last Exhibit 300A Update: 2012-08-28
Date of Last Revision: 2012-08-28

Agency: 020 - Environmental Protection Agency **Bureau:** 00 - Agency-Wide Activity

Investment Part Code: 01

Investment Category: 00 - Agency Investments

1. Name of this Investment: EPASS - Environmental Protection Agency Personnel Access and Security System

2. Unique Investment Identifier (Ull): 020-000016026

Section B: Investment Detail

- 1. Provide a brief summary of the investment, including a brief description of the related benefit to the mission delivery and management support areas, and the primary beneficiary(ies) of the investment. Include an explanation of any dependencies between this investment and other investments.**

Homeland Security Presidential Directive-12 (HSPD-12) mandates a "Policy for a Common Identification Standard for Federal Employees and Contractors" to provide secure and reliable identification issued by Federal agencies for their employees and contractors. The EPASS credential will be used for identification and authentication across EPA for logical and physical access systems. The information technology for EPASS is designed to enroll, print, and issue employee credentials, and to upgrade Physical Access Control Systems (PACS) at select EPA regional facilities for use of the EPASS credential. Benefits of EPASS include:

- Provides a single source of verification for employee and contractor credentials
- Maintains a system that is less susceptible to identity fraud, tampering, counterfeiting, and terrorist exploitation
- Provides a system that can rapidly authenticate credentials electronically
- Protects personal privacy
- Enhances physical and logical access security to EPA controlled facilities and networks.

- 2. How does this investment close in part or in whole any identified performance gap in support of the mission delivery and management support areas? Include an assessment of the program impact if this investment isn't fully funded.**

The EPASS program is intended to enhance security, increase efficiency, reduce identity fraud, and protect personal privacy. HSPD-12 requires EPA to follow specific technical standards and business processes for the issuance and routine use of the EPASS credential, including a standardized background investigation to verify the identities of employees and contractors. As such, the EPASS program recognizes that technical and non-technical components are critical to maintaining a security environment of trust for EPA and its workforce, thereby supporting the strategy of Strengthening EPA's Workforce and Capabilities. Thus, the program's strategic approach focuses on a gradual rollout of the EPASS credential and upgrade of physical access systems. This strategic approach uses an all encompassing and integrated program methodology in examining its technologies, processes, and communications to employees to ensure full EPA-wide adoption. If the EPASS program were not fully (partially) funded, the impact would be: - Non-compliance with HSPD-12 - Inability to issue badges (credentials) - Delayed upgrades of legacy physical access systems to comply with HSPD-12 - No enhancements for the EPASS IT infrastructure or user functionality.

3. Provide a list of this investment's accomplishments in the prior year (PY), including projects or useful components/project segments completed, new functionality added, or operational efficiency achieved.

In FY 2011 (PY), the EPASS program accomplished the following: - Upgraded Physical Access Control Systems (PACS) for EPASS at eight regional facilities, thus exceeding performance goal to upgrade five - Upgraded Identity Proofing/Enrollment/Issuance stations at 35 facilities with enhanced functionality for improved badging process efficiency - Migrated EPASS system to Secure Hash Algorithm (SHA)-256 for enhanced system security in accordance with NIST SP 800-78 and 800-57 - Redesigned the EPASS Badge Topography with security enhancements in accordance with NIST SP 800-104 - Re-certified and accredited (C&A) the EPASS system - Exceeded performance goal for customer results by responding to EPASS Help Desk inquiries within 48 hours - Reduced the average time from enrollment to issue an EPASS badge by more than 14% - Continued to operate and maintain systems.

4. Provide a list of planned accomplishments for current year (CY) and budget year (BY).

In FY 2012 (CY), the EPASS program plans the following accomplishments: - Upgrade PACS for EPASS at five facilities - Issue replacement badges nationwide to address mass certificate expiration - Exceed performance for customer results by responding to EPASS Help Desk inquiries within 48 hours - Reduce the average time from enrollment to issue an EPASS badge by 27% aggregate - Continue to operate and maintain systems In FY 2013 (BY), the EPASS program plans the following accomplishments: - Upgrade PACS for EPASS at five facilities - Plan for mass certification expiration - Recertification of the EPASS system - Issue replacement badges nationwide to address mass certificate expiration - Exceed performance for customer results by responding to EPASS Help Desk inquiries within 48 hours - Reduce the average time from enrollment to issue an EPASS badge by 41% aggregate - Continue to operate and maintain systems.

5. Provide the date of the Charter establishing the required Integrated Program Team

(IPT) for this investment. An IPT must always include, but is not limited to: a qualified fully-dedicated IT program manager, a contract specialist, an information technology specialist, a security specialist and a business process owner before OMB will approve this program investment budget. IT Program Manager, Business Process Owner and Contract Specialist must be Government Employees.

2011-09-16

Section C: Summary of Funding (Budget Authority for Capital Assets)

1.

Table I.C.1 Summary of Funding

| | PY-1 & Prior | PY 2011 | CY 2012 | BY 2013 |
|--|--------------------|------------|------------|------------|
| Planning Costs: | \$4.9 | \$0.5 | \$0.5 | \$0.5 |
| DME (Excluding Planning) Costs: | \$14.6 | \$2.0 | \$1.5 | \$1.5 |
| DME (Including Planning) Govt. FTEs: | \$1.1 | \$0.0 | \$0.0 | \$0.0 |
| Sub-Total DME (Including Govt. FTE): | \$20.6 | \$2.5 | \$2.0 | \$2.0 |
| O & M Costs: | \$5.1 | \$2.3 | \$2.8 | \$2.7 |
| O & M Govt. FTEs: | \$2.2 | \$0.6 | \$0.7 | \$0.7 |
| Sub-Total O & M Costs (Including Govt. FTE): | \$7.3 | \$2.9 | \$3.5 | \$3.4 |
| Total Cost (Including Govt. FTE): | \$27.9 | \$5.4 | \$5.5 | \$5.4 |
| Total Govt. FTE costs: | \$3.3 | \$0.6 | \$0.7 | \$0.7 |
| # of FTE rep by costs: | 25 | 5 | 5 | 5 |
| | | | | |
| Total change from prior year final President's Budget (\$) | | \$0.0 | \$0.0 | |
| Total change from prior year final President's Budget (%) | | 0.00% | 0.00% | |

2. If the funding levels have changed from the FY 2012 President's Budget request for PY or CY, briefly explain those changes:

Section D: Acquisition/Contract Strategy (All Capital Assets)

Table I.D.1 Contracts and Acquisition Strategy

| Contract Type | EVM Required | Contracting Agency ID | Procurement Instrument Identifier (PIID) | Indefinite Delivery Vehicle (IDV) Reference ID | IDV Agency ID | Solicitation ID | Ultimate Contract Value (\$M) | Type | PBSA ? | Effective Date | Actual or Expected End Date |
|---------------|--------------|-----------------------------|--|--|---------------|-----------------|-------------------------------|------|--------|----------------|-----------------------------|
| Awarded | 6800 | EP0015 | GS35F4997G | 4730 | | | | | | | |
| Awarded | 6800 | EPG11H00279 | GS35F0347J | 4730 | | | | | | | |
| Awarded | 6800 | EP09W001968 | GS07F5506P | 4730 | | | | | | | |
| Awarded | 6800 | EP10H002085 | GS06F0294Z | 4730 | | | | | | | |
| Awarded | 6800 | EP10H000856 | GS35F0164J | 4730 | | | | | | | |
| Awarded | 6800 | EPG11H00126 | GS07F7823C | 4730 | | | | | | | |
| Awarded | 6800 | EP12H000123 | | | | | | | | | |

2. If earned value is not required or will not be a contract requirement for any of the contracts or task orders above, explain why:
 Delivery orders for materials do not require EVM.

Exhibit 300B: Performance Measurement Report

Section A: General Information

Date of Last Change to Activities: 2012-08-28

Section B: Project Execution Data

Table II.B.1 Projects

| Project ID | Project Name | Project Description | Project Start Date | Project Completion Date | Project Lifecycle Cost (\$M) |
|------------|--|---|--------------------|-------------------------|------------------------------|
| 16026-A | Project Management | PM Plan, SLCM Plans and Artifacts, Budget Management, Risk Management, Schedule Management, Configuration Management, In Process Reviews, PM Meetings, Requirements Management. | | | |
| 16026-B | Compliance and Program Reporting | Status Briefings, OMB Reporting, EPA Reporting. | | | |
| 16026-C | Interoperability and Intraoperability Requirements | Interoperability Meetings, Backend Attribute Exchange (BAE) Requirements. | | | |
| 16026-D | Acquisition Strategy and Management | Acquisition Strategy and Plan, Acquisitions, Contract Management and Monitoring, Cost Benefit Analysis, Asset Management. | | | |
| 16026-E | Module and System Development and Implementation | Card Management System (CMS), Identity Management System (IDMS), Enrollment and Issuance System, Physical Access Control Systems (PACS), EPASS Help Desk. | | | |
| 16026-F | System Integration | Interfaces for EPASS Systems, | | | |

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|------------|-----------------------------------|---|--------------------|-------------------------|------------------------------|
| | | Personnel Security System (PSS)/EPASS. | | | |
| 16026-G | Business Processes and Procedures | Processes, Standard Operating Procedures, Policies, Card Lifecycle Management. | | | |
| 16026-H | System Level Testing | CMS Testing, IDMS Testing, Enrollment and Issuance System Testing, PSS/EPASS Testing, PACS Testing. | | | |
| 16026-I | System Level Training | Training Materials, Training, User Documentation. | | | |
| 16026-J | Privacy and Security | Privacy Impact Assessment, Audit Reviews, Automated Security Self-Evaluation and Remediation Tracking (ASSERT) Management, C&As, Continuous Monitoring, Continuity of Operations. | | | |
| 16026-K | Communications and Outreach | Communications Plan, Internal Communications, External Communications, PACS Communications, EPASS Smart Card Web Site. | | | |
| 16026-L | Maintenance | CMS, IDMS, Enrollment and Badge Issuance System, PSS/EPASS, PACS, EPASS Help Desk, EPASS Smart Card Web Site. | | | |

Activity Summary

Roll-up of Information Provided in Lowest Level Child Activities

| Project ID | Name | Total Cost of Project Activities (\$M) | End Point Schedule Variance (in days) | End Point Schedule Variance (%) | Cost Variance (\$M) | Cost Variance (%) | Total Planned Cost (\$M) | Count of Activities |
|------------|----------------------------------|--|---------------------------------------|---------------------------------|----------------------|-------------------|--------------------------|---------------------|
| 16026-A | Project Management | | | | | | | |
| 16026-B | Compliance and Program Reporting | | | | | | | |

Activity Summary

Roll-up of Information Provided in Lowest Level Child Activities

| Project ID | Name | Total Cost of Project Activities (\$M) | End Point Schedule Variance (in days) | End Point Schedule Variance (%) | Cost Variance (\$M) | Cost Variance (%) | Total Planned Cost (\$M) | Count of Activities |
|------------|--|--|---------------------------------------|---------------------------------|----------------------|-------------------|--------------------------|---------------------|
| 16026-C | Interoperability and Intraoperability Requirements | | | | | | | |
| 16026-D | Acquisition Strategy and Management | | | | | | | |
| 16026-E | Module and System Development and Implementation | | | | | | | |
| 16026-F | System Integration | | | | | | | |
| 16026-G | Business Processes and Procedures | | | | | | | |
| 16026-H | System Level Testing | | | | | | | |
| 16026-I | System Level Training | | | | | | | |
| 16026-J | Privacy and Security | | | | | | | |
| 16026-K | Communications and Outreach | | | | | | | |
| 16026-L | Maintenance | | | | | | | |

Key Deliverables

| Project Name | Activity Name | Description | Planned Completion Date | Projected Completion Date | Actual Completion Date | Duration (in days) | Schedule Variance (in days) | Schedule Variance (%) |
|--------------|---|--|-------------------------|---------------------------|------------------------|--------------------|------------------------------|-----------------------|
| 16026-D | Acquisition Strategy and Management Q1-Q2 | Update PACS Roll-out Plan, EPASS and PACS Acquisitions, Update Asset Report | 2012-03-31 | 2012-03-31 | 2012-03-31 | 182 | 0 | 0.00% |
| 16026-J | Privacy and Security Q1-Q2 | Complete PIA, Complete EPASS Audit Reviews, Complete 5 PACS C&As, Monitor PACS | 2012-03-31 | 2012-03-31 | 2012-03-30 | 182 | 1 | 0.55% |
| 16026-K | Communications and Outreach Q1-Q2 | Review Communications Plan, Messages for | 2012-03-31 | 2012-03-31 | 2012-03-30 | 182 | 1 | 0.55% |

| Key Deliverables | | | | | | | | |
|------------------|---|---|-------------------------|---------------------------|------------------------|--------------------|------------------------------|-----------------------|
| Project Name | Activity Name | Description | Planned Completion Date | Projected Completion Date | Actual Completion Date | Duration (in days) | Schedule Variance (in days) | Schedule Variance (%) |
| | | Badges, Internal EPA Meetings, PACS Meetings, External EPA Meetings, Develop Plan for EPASS Smart Card Web Site Redesign | | | | | | |
| 16026-F | System Integration Q1-Q2 | Review and assess Interfaces | 2012-03-31 | 2012-03-31 | 2012-03-30 | 182 | 1 | 0.55% |
| 16026-L | Maintenance Q1-Q2 | Maintain EPASS Systems, PACS, and EPASS Smart Card Web Site | 2012-03-31 | 2012-03-31 | 2012-03-30 | 182 | 1 | 0.55% |
| 16026-A | Project Management Q1-Q2 | Update PM Plan, Update Solution Architecture, Maintain Risk Register, Maintain Master Schedule, Update Configuration Management Plan, Operational Analysis, Update Requirements Document and Specifications | 2012-03-31 | 2012-03-31 | 2012-03-31 | 182 | 0 | 0.00% |
| 16026-G | Business Processes and Procedures Q1-Q2 | Update EPA Policy for HSPD-12, Identify and review Business Process SOPs, Issue Replacement Badges for Federal Employees | 2012-03-31 | 2012-03-31 | 2012-03-30 | 182 | 1 | 0.55% |
| 16026-B | Compliance and Program Reporting Q1-Q2 | IT Dashboard Reporting, FISMA Reporting, HSPD-12 Implementation Status Reports, EPA Business Case | 2012-03-31 | 2012-03-31 | 2012-03-31 | 182 | 0 | 0.00% |
| 16026-H | System Level Testing Q1-Q2 | Test CMS Enhancements, Test Enrollment System | 2012-03-31 | 2012-03-31 | 2012-03-30 | 182 | 1 | 0.55% |

| Key Deliverables | | | | | | | | |
|------------------|--|---|-------------------------|---------------------------|------------------------|--------------------|------------------------------|-----------------------|
| Project Name | Activity Name | Description | Planned Completion Date | Projected Completion Date | Actual Completion Date | Duration (in days) | Schedule Variance (in days) | Schedule Variance (%) |
| Enhancements | | | | | | | | |
| 16026-C | Interoperability and Intraoperability Requirements Q1-Q2 | Federal Identity, Credential, and Access Management (FICAM) Meetings; PACS Virtualization Requirements | 2012-03-31 | 2012-03-31 | 2012-03-31 | 182 | 0 | 0.00% |
| 16026-I | System Level Training Q1-Q2 | Update Training Materials; Train Users on Roles, SOPs, and PACS; Update User Documentation | 2012-03-31 | 2012-03-31 | 2012-03-30 | 182 | 1 | 0.55% |
| 16026-I | System Level Training Q3-Q4 | Update Training Materials; Train Users on Roles, SOPs, and PACS; Update User Documentation | 2012-09-30 | 2012-09-30 | | 182 | 0 | 0.00% |
| 16026-D | Acquisition Strategy and Management Q3-Q4 | Update PACS Roll-out Plan, EPASS and PACS Acquisitions, Alternatives Analysis, Update Asset Report | 2012-09-30 | 2012-09-30 | | 182 | 0 | 0.00% |
| 16026-J | Privacy and Security Q3-Q4 | Complete EPASS Audit Reviews, Complete 4 PACS C&As, Monitor PACS, Update COOP Plan and perform Contingency Test | 2012-09-30 | 2012-09-30 | | 182 | 0 | 0.00% |
| 16026-E | Module and System Development and Implementation Q3-Q4 | Upgrade 5 PACS Facilities for EPASS, Expand Development for Central PACS Application | 2012-09-30 | 2012-09-30 | | 182 | 0 | 0.00% |
| 16026-K | Communications and Outreach Q3-Q4 | Update Communications Plan, Messages for Badges, Internal EPA Meetings, PACS Meetings, External EPA Meetings | 2012-09-30 | 2012-09-30 | | 182 | 0 | 0.00% |

| Key Deliverables | | | | | | | | |
|------------------|--|--|-------------------------|---------------------------|------------------------|--------------------|------------------------------|-----------------------|
| Project Name | Activity Name | Description | Planned Completion Date | Projected Completion Date | Actual Completion Date | Duration (in days) | Schedule Variance (in days) | Schedule Variance (%) |
| 16026-F | System Integration Q3-Q4 | Review and assess Interfaces | 2012-09-30 | 2012-09-30 | | 182 | 0 | 0.00% |
| 16026-L | Maintenance Q3-Q4 | Maintain EPASS Systems, PACS, and EPASS Smart Card Web Site | 2012-09-30 | 2012-09-30 | | 182 | 0 | 0.00% |
| 16026-A | Project Management Q3-Q4 | Update Data Management Plan, Maintain Risk Register, Maintain Master Schedule, Update Requirements Traceability Matrix | 2012-09-30 | 2012-09-30 | | 182 | 0 | 0.00% |
| 16026-G | Business Processes and Procedures Q3-Q4 | Review and assess Business Process SOPs, Business Process Re-engineering, Issue Replacement Badges for Federal Employees and Contractors | 2012-09-30 | 2012-09-30 | | 182 | 0 | 0.00% |
| 16026-B | Compliance and Program Reporting Q3-Q4 | IT Dashboard Reporting, FISMA Reporting, HSPD-12 Implementation Status Reports, OMB Business Case | 2012-09-30 | 2012-09-30 | | 182 | 0 | 0.00% |
| 16026-H | System Level Testing Q3-Q4 | Test Interfaces, Test 5 Upgraded PACS Facilities for EPASS | 2012-09-30 | 2012-09-30 | | 182 | 0 | 0.00% |
| 16026-C | Interoperability and Intraoperability Requirements Q3-Q4 | Federal Identity, Credential, and Access Management (FICAM) Meetings; BAE Requirements Plan; PACS Virtualization Requirements | 2012-09-30 | 2012-09-30 | | 182 | 0 | 0.00% |

Section C: Operational Data

Table II.C.1 Performance Metrics

| Metric Description | Unit of Measure | FEA Performance Measurement Category Mapping | Measurement Condition | Baseline | Target for PY | Actual for PY | Target for CY | Reporting Frequency |
|--|----------------------|--|-----------------------|-----------|---------------|---------------|---------------|---------------------|
| Average time from enrollment to printing an EPASS badge for a person | Time (Days) | Process and Activities - Cycle Time and Timeliness | Under target | 51.000000 | 37.000000 | | 37.000000 | Semi-Annual |
| Average time for EPASS Help Desk to respond to customer inquiries within Service Level Agreement (SLA) | Time (Hours) | Customer Results - Timeliness and Responsiveness | Under target | 48.000000 | 48.000000 | | 48.000000 | Semi-Annual |
| EPA facilities that entered operations by upgrading their Physical Access Control Systems (PACS) to use EPASS badges | Number of Facilities | Mission and Business Results - Services for Citizens | Over target | 5.000000 | 5.000000 | | 5.000000 | Semi-Annual |
| Average time from printing to first issue an EPASS badge to a person | Time (Days) | Process and Activities - Cycle Time and Timeliness | Under target | 45.000000 | 33.000000 | | 33.000000 | Semi-Annual |
| Availability of EPASS Enrollment System | Percentage Uptime | Technology - Reliability and Availability | Over target | 92.000000 | 92.000000 | | 92.000000 | Monthly |